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RESPONSE

April 30, 2002

**MEMORANDUM**

SUBJECT: Draft Report to Evaluate Treatment Technologies at the Eastern Michaud Flats  
Superfund Site – For Comment

FROM: Walter W. Kovalick, Jr., Ph.D.  
Director  
Technology Innovation Office

TO: Mike Gearheard, Director  
Office of Environmental Cleanup, Region 10

The purpose of this memorandum is to provide you the draft report *Treatment Technologies for Historical Ponds Containing Elemental Phosphorus – Summary and Evaluation*, dated April 30, 2002. I have also simultaneously sent the draft report to Mr. Blaine Edmo, Chairman of the Shoshone-Bannock Tribes.

The preparation of this report is in response to a commitment to the Shoshone-Bannock Tribes by Tim Fields, Assistant Administrator of the Office of Solid Waste and Emergency Response. In Mr. Fields's letter (attached), he committed the Technology Innovation Office (TIO) to conduct a new evaluation of treatment technologies potentially applicable at the Eastern Michaud Flats (EMF) Superfund site.

This draft report provides a summary and evaluation of available information from the literature and previous studies about six technologies that may have the potential to treat the waste material in the sixteen historical ponds identified in the EMF Record of Decision, dated June 8, 1998. In addition, the report presents information on remedies chosen at other elemental white phosphorus manufacturing sites that have similar contaminated unlined ponds as the EMF site.

I am requesting the Ft. Hall Business Council and Region 10 each review and comment on this draft report. Please provide written comments by June 7, 2002 to Kelly Madalinski of my staff. He can be reached at 703-603-9901 or at [madalinski.kelly@epa.gov](mailto:madalinski.kelly@epa.gov). Following revisions, the report will be publicly available as well as for use in the region to inform further technical discussions. TIO

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is also willing to meet with your staff and the Ft. Hall Business Council to discuss the findings in this report, if you wish.

Should you have any questions, please contact Kelly or myself.

We trust you will find the report useful.

#### Attachments

cc: Gil Haselberger, Region 10  
Linda Meyer, Region 10  
Andy Boyd, Region 10  
Felicia Wright, OSWER  
Debbie Newberry, OSWER  
John Kingscott, TIO  
Silvina Fonseca, OERR